| Electronic Acknowledgement Receipt   |  |  |  |  |
|--------------------------------------|--|--|--|--|
| EFS ID:                              | 2189300  |  |  |  |
| Application Number:                  | 10804914   |  |  |  |
| International Application Number:    |  |  |  |  |
| Confirmation Number:                 | 8356   |  |  |  |
| Title of Invention:                  | Receiver codec super set constellation generator |  |  |  |
| First Named Inventor/Applicant Name: | Sigang Qiu                                       |  |  |  |
| Customer Number:                     | 8791   |  |  |  |
| Filer:                               | Mark C. Van Ness/gayle bekish                    |  |  |  |
| Filer Authorized By:                 | Mark C. Van Ness                                 |  |  |  |
| Attorney Docket Number:              | 42P12965C  |  |  |  |
| Receipt Date:                        | 12-SEP-2007                                      |  |  |  |
| Filing Date:                         | 19-MAR-2004                                      |  |  |  |
| Time Stamp:                          | 18:05:27   |  |  |  |
| Application Type:                    | Utility under 35 USC 111(a)                      |  |  |  |

# Payment information:

| Submitted with Payment                   | yes    |
|--|--------|
| Payment was successfully received in RAM | \$310  |
| RAM confirmation Number                  | 2782   |
| Deposit Account                          | 022666 |

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

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# File Listing:

| Document<br>Number | Document Description                                | File Name                           | File Size(Bytes)<br>/Message Digest          | Multi<br>Part /.zip | Pages<br>(if appl.) |  |  |  |
|--------------------|---|-------------------------------------|--|---------------------|---------------------|--|--|--|
| 1                  |   | P12965C_Response.pdf                | 124803                                       | yes                 | 10                  |  |  |  |
|                    |   |                                     | 1c584da4a087ff2d7e4c025ebbcc85801<br>52bd979 |                     |                     |  |  |  |
|                    | Multipart Description/PDF files in .zip description |                                     |  |                     |                     |  |  |  |
|                    | Document Description                                |                                     | Start  | End                 |                     |  |  |  |
|                    | Amendment - After Non-Final Rejection               |                                     | 1  | 1                   |                     |  |  |  |
|                    | Specification                                       |                                     | 2  | 3                   |                     |  |  |  |
|                    | Claims  |                                     | 4  | 7                   |                     |  |  |  |
|                    | Applicant Arguments/Remarks Made in an Amendment    |                                     | 8  | 10                  |                     |  |  |  |
| Warnings:          |   |                                     |  |                     |                     |  |  |  |
| Information:       |   |                                     |  |                     |                     |  |  |  |
| 2                  | Terminal Disclaimer Filed                           | P12965C_Terminal_Disclaim<br>er.pdf | 156285                                       | no                  | 1                   |  |  |  |
|                    |   |                                     | 2d543ff69f6d9656570b0452045423e6<br>6ea6f4ea |                     |                     |  |  |  |
| Warnings:          |   |                                     |  |                     |                     |  |  |  |
| Information:       |   |                                     |  |                     |                     |  |  |  |
| 3 Inform           | Information Disclosure Statement                    | P12965C_IDS.pdf                     | 262675                                       | no                  | 3                   |  |  |  |
|                    | Letter  |                                     | 4f199776bbac20f88bc922e68e8ef8690<br>bc9327c |                     |                     |  |  |  |
| Warnings:          |   |                                     |  |                     |                     |  |  |  |
| Information:       |   |                                     |  |                     |                     |  |  |  |
| 4                  | Fee Worksheet (PTO-06)                              | fee-info.pdf                        | 8304   | no                  | 2                   |  |  |  |
|                    |   |                                     | a676beld52a54506el6aa705e66a3ca6<br>151197c8 |                     |                     |  |  |  |
| Warnings:          |   |                                     |  |                     |                     |  |  |  |
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#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

## National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

## New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.